

# RUBUS PHPS 11

## Key conditions for field grown rubus certified/approved of the: Super Elite (SE), Elite (E), A, and Approved-Health (A-H) grades

**KEY**

Note: All Inspections are Visual

### 1. Inspections

All stocks have been inspected twice for health and vigour and, with the exception of micropropagated material, for trueness to variety. *Approved-Health* stocks have been inspected for health and vigour only.

### 2. Quarantine diseases

Crops have not been grown on land known to be infected with the following soil-borne diseases: Rhizomania, strawberry red core or verticillium wilt disease of hops or which is under notice for potato wart disease or potato cyst nematode.

### 3. Rotation

The stocks have not been grown on a site which has not been used to grow Rubus crops in the previous 3 years.

### 4. Soil sampling

Super Elite and Elite stocks have been grown on land which has been sampled and found free from the soil living virus vector nematodes *Xiphinema diversicaudatum* (dagger nematode), *Longidorus attenuates*, *L. elongatus* and *L. macrosoma* (needle nematodes); or samples have been tested and found free of the viruses relevant to the crop; or the field has been treated with an approved soil fumigant prior to the planting and entry of material for certification.

### 5. Isolation

Stocks have been grown with at the following minimum isolation distances (metres):

	Entry Grade	SE	E	A	A-H
Other Grades					
SE		4			
E		4	4		
A		100	4	4	
A-H		400	400	400	4
Fruiting Crop		400	400	400	400

### 6. Standards met

A summary of tolerances (%) for pests and diseases is as follows:

	Super Elite	Elite	A	A-H
Rogues	NIL	NIL	0.5	0.5
Virus disease symptoms Arabis mosaic virus Raspberry ringspot virus Tomato black ring virus Strawberry latent ringspot virus	NIL	NIL	NIL	NIL
Other virus diseases	NIL	NIL	0.5	0.5
Phytophthora root rot ( <i>Phytophthora fragariae var.rubi</i> )	NIL	NIL	NIL	NIL
Other pests and diseases including: mildew, aphids, capsid bugs, two spotted (red spider) mite and caterpillars	Substantial Freedom			

